

The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No.VIII (iv). If this Box is not used, this sheet should not be included in the request.

Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America:

for the purposes of the designation of the United States of America: I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought. This declaration is directed to the international application of which it forms a part (if filing declaration with application). to Rule 26ter). I hereby declare that my residence, mailing address, and citizenship are as stated next to my name. I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications," by application number, country or Member of the World Trade Organization, day, month and year of filing, any application for a patent or inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed. Prior Applications: GB.0306634.7 Filed 22nd.March 2003..... Our Ref: IP/P7255/WOD I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. Name: Richard Michael JENKINS Residence: United Kingdom (city and either US state, if applicable, or country) Mailing Address: . QinetiQ Limited, Malvern Technology Centre, Bldg P. Room A109, St Andrews Road. Malvern, Worcestershire WR14 3PS United Kingdom Citizenship: British Inventor's Signature: . . . Oate: (of signature which is not contained in the request, or of the (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international declaration that is corrected or added under Rule 26ter after the filing of the international application) application. The signature must be that of the inventor, not that of the agent) Name: Mark Edward MCNIE Residence: United Kingdom (city and either US state, if applicable, or country) Mailing Address: QinetiQ Limited, Malvern Technology Centre, Bldg E Room 9A-4, St Andrews Road, Malvern, Worcestershire WR14 3PS, United Kingdom Citizenship: British (of signature which is not contained in the request, or of the (if not contained in the request, or if declaration is corrected or declaration that is corrected or added under Rule 26ter after the added under Rule 26ter after the filing of the international filing of the international application) application. The signature must be that of the inventor, not that of the agent)

This declaration is continued on the following sheet, "Continuation of Box No. VIII (iv)".



Box No. VIII (iv) DECLARATION: INVENTORSHIP (only for the purposes of the designation of the United States of America)

The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No.VIII (iv). If this Box is not used, this sheet should not be included in the request.

Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America:

I hereby declare that I believe I am the original, first and sole (if only o is listed below) inventor of the subject matter which is claimed and fo	r which a patent is sought.							
his declaration is directed to the international application of which it forms a part (if filing declaration with application).								
This declaration is directed to international application No. PCT/ to Rule $26ter$).	(if furnishing declaration pursuant							
I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.								
hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications," by application number, country or Member of the World Trade Organization, day, month and year of filing, any application for a patent or inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, naving a filing date before that of the application on which foreign priority is claimed.								
Prior Applications: .GB.0306634.7. Filed 22nd March 2003								
I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.								
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.								
Name: Richard Michael JENKINS								
Residence:								
Mailing Address: . QinetiQ Limited, Malvern Technology Centre, Bldg P. Room A109, St Andrews Road,								
Citizenship: British	·							
Inventor's Signature:	Date:							
Name: Mark Edward MCNIE								
Residence: (city and either US state, if applicable, or country)								
Mailing Address: QinetiQ Limited, Malvern Technology Centre, Bldg E Room 9A-4, St Andrews Road, Malvern, Worcestershire WR14 3PS, United Kingdom								
Citizenship: British Inventor's Signature: A S C C C C C C C C C C C C C C C C C C	Date: 12/03/04 (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)							
This declaration is continued on the following sheet, "Continuat	ion of Box No. VIII (iv)".							

Nixon & Vanderhye P.C. (10/99) (Domestic Non-Assigned/Foreign) Page 1

RULE 63 (37 C.F.R. 1.63) INVENTORS DECLARATION FOR PATENT APPLICATION IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

As a below named inventor, I hereby declare that my residence, mailing address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent Is sought on the Invention entitled:

			h Division Multiplexe	r/Demultiplexer i	Device	
	fication of which (check	applicable box(s)):				
LJ "	attached hereto					
L J	as filed on		as U.S. Application S		•	/. Dkt. No. IP/P7255/USW)
	as filed as PCT Internati		PCT/GB2004/001	122 on	17 March 200	14
and (if ap	plicable to U.S. or PCT a	application) was amended	on N/A			
amendmed in defined in listed bell which pri	ent referred to above. I a n 37 C.F.R. 1.56. I heret ow and have also identifi	y clalm foreign priority ber ed below any foreign appli riority is clalmed, before the	sclose to the Patent Of nefits under 35 U.S.C. ' ication for patent or inve	fice all information I 19/365 of any for entor's certificate	n known to me to be reign application(s) fo	, as amended by any material to patentability as or patent or Inventor's certificat efore that of the application or Day/Month/Year Filed 22 March 2003
I hereby	claim the benefit under 3 Application Number	5 U.S.C. §119(e) of any U er	nited States provisiona Date/Month/Year	l application(s) lis Filed	ted below.	
I hereby	claim the benefit under 3	5 U.S.C. 120/365 of all pri	or United States and Po	CT international a	pplications listed abo	ove or below:
Prior U.S	SJPCT Application(s):		•			Status: patented
	ion Serial No.		Day/Month/Year			pending, abandoned
	PCT/GB2004/00112	.2	17 March 200	4		Published
be true; a imprison application 4000 (to owner's/o	and further that these sta ment, or both, under Sec on or any patent issued to whom all communication owners' attorneys to pros patent. I also authorize communicated from the p	tements were made with the tion 1001 of Title 18 of the nereon. And on behalf of the sare to be directed) and the cute this application and	he knowledge that willfulled States Code are the owner(s) hereof, I he attorneys of: Custo transact all business for delete attorneys from, or other organization, or other organizatio	al false statement de that such willfu ereby appoint Nix stomer Nu in the Patent and m that Customer dion sending instruction	s and the like so mail false statements miden & Vanderhye P.Comber 23117, d Trademark Office of Number, and to act auctions to Nixon & Value of Nixon & Value o	GB (éitizenship)
2.	Inventor's Signature:				Date:	
	Inventor:	Mark	E		ACNIE	GB (altizonatio)
	Residence: (city)	(first) United Kingdom	MI	(state/country	(last)) Worcestershire,	(citizenship) United Kinadom
Mailing Address: QinetiQ Limited, Malvern Technology Centre, St Andrew's Road, Malvern, Worcestershire						
	(Zlp Code)	WR14 3PS United King				
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[] See attached sheet(s) for additional inventor(s) information!!

Nixon & Vanderhye P.C. (10/99) (Domestic Non-Assigned/Foreign) Page 1

RULE 63 (37 C.F.R. 1.63) INVENTORS DECLARATION FOR PATENT APPLICATION IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

After inserting the client/matter info, you can further revise the declaration (if appropriate) by clicking one of the macros shown above. SEE CLINT SPOONER OR JEFF NELSON RE C#1554 DECLARATIONS. LSP

As a below named inventor, I hereby declare that my residence, mailing address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

	Optical Wavelength	Division Multiplexer/	Demultiplexer Devi	Ce		
the specification of which (check [] is attached hereto	applicable box(s)):					
[] was filed on		as U.S. Application S	erial No.	(Atty. I	Okt. No.: IP/P7255/USW)	
(x) was filed as PCT Internat	ional application No.	PCT/GB2004/0011	22 on	17 March 2004		
and (if applicable to U.S. or PCT	• •	N/A				
(-,					
I hereby state that I have reviewe amendment referred to above. I a defined in 37 C.F.R. 1.56. I herel listed below and have also identif which priority is claimed or, if no p Priority Foreign Application(s):	acknowledge the duty to discl by claim foreign priority benef ied below any foreign applica priority is claimed, before the	lose to the Patent Offi its under 35 U.S.C. 1 tion for patent or Inve filing date of this appli	ce all information kno 9/365 of any foreign ntor's certificate havi	own to me to be many application(s) for	aterial to patentability as patent or inventor's certifica ore that of the application or	
Application Numb	er	Country			Day/Month/Year Filed	
0306634.7		GB		22 March 2003		
I hereby claim the benefit under 3 Application Numb		ed States provisional a Date/Month/Year F		pelow.		
I hereby claim the benefit under 3	35 U.S.C. 120/365 of all prior	United States and PC	T International applic	cations listed above	e or below:	
Application Serial No. Day/Month/Year Filed pending, abando					Status: patented pending, abandoned Published	
I hereby declare that all statemen be true; and further that these sta imprisonment, or both, under Sec application or any patent issued to	itements were made with the ition 1001 of Title 18 of the Ur	knowledge that willful nited States Code and	false statements and that such willful fals	d the like so made e statements may	are punishable by fine or jeopardize the validity of the	
4000 (to whom all communication owner's/owners' attorneys to pros resulting patent. I also authorize directly communicated from the powner(s).	ecute this application and to Nixon & Vanderhye to add or	transact all business i delete attorneys from	n the Patent and Tra that Customer Num	demark Office con ber, and to act and	nected therewith and with ti I rely solely on instructions	
1. Inventor's Signature:				Date:		
Inventor:	Richard	M	JENKIN	vs	GB	
	(first)	MI	(last)		(citizenship)	
Residence: (city)	United Kingdom			Vorcestershire, Uni		
Mailing Address:	QinetiQ Limited, Malvern T		Andrew's Road, Ma	lvern, Worcestersh	ire	
(Zip Code)	WR14 3PS United Kingdo	m				
2. Inventor's Signature:	101	5 / Cert	<u>.</u>	Date:	- July 2005	
Inventor:	Mark	E	McNI		GB	
	(first)	MI	(last)		(cltizenship)	
Residence: (city)	United Kingdom			Vorcestershire, Uni		
Mailing Address:	QinetiQ Limited, Malvern T		Andrew's Road, Ma	lvern, Worcestersh	ire	
(Zip Code) WR14 3PS United Kingdom						
	•					

[] See attached sheet(s) for additional inventor(s) information!!